

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY East Germany REPORT 25X1

SUBJECT Receipt of Raw Materials, Production, and Research and Development of VEB Elektrokohle Lichtenberg DATE DISTR. 20 June 1955

NO. OF PAGES 2

DATE OF INFO. REQUIREMENT NO. RD

PLACE ACQUIRED REFERENCES 25X1

DATE ACQUIRED This is UNEVALUATED Information 25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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Following are some particulars of the activities of VEB Elektrokohle-Lichtenberg (formerly Siemens-Planitz) for the month of April 1955:

1. Receipt of Raw Materials.

Material	Approximate Quantity	Origin
Pitch Coke (Pechkoks)	2000 tons	USSR
Coke	300 tons	East Germany
Anthracite	300 tons	USSR
Copper	30 tons	USSR
Soot	1000 sacks	Romania
Silicon carbide	50 tons	Piesteritz
Pitch	800 tons	East Germany
Tar	100 tank cars	Erkner
Rare earths	10 tons	USSR
Graphite	300 tons	USSR and Ceylon

2. Production Deliveries

Product	Approximate Quantity	Destination
Amorphous electrodes	3000 tons	Piesteritz
Amorphous electrodes	200 tons	Czechoslovakia
Amorphous anodes	2500 tons	Bitterfeld
Graphite electrodes	700 tons	Hungary
Graphite electrodes	700 tons	USSR
Bundel electrodes	500 tons	China

3. Research and Development

Experiments are being made in decreasing the amount of waste involved in the manufacture of electrodes. Some success has already been achieved in this direction. Electrode waste has been pulverized, bound with mixtures of pitch and tar, and spread over the electrodes.

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Binding mixtures used for this purpose have been:

- a. 30% pitch and 70% Erkner tar,
- b. 40% pitch and 60% electrode tar.

Cresol resin solutions have also been used for this purpose but with less success.

- 1. Comment. As received; possibly should read Buendelelektrode,
i.e., focusing electrode.

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